

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fluorescent material of terbium aluminum garnet having a formula $(\text{Tb}_{3-x-y}\text{Ce}_x\text{Re}_y)\text{Al}_{5-z}\text{Si}_z\text{O}_{12}(\text{Tb}_{3-x-y}\text{Ce}_x\text{Re}_y)\text{Al}_{5-z}\text{O}_{12}\text{Me}_z$, wherein $0 < x \leq 0.8$, $0 < y \leq 2.0$, $0 < z \leq 1.0$ and wherein Re is at least one of gadolinium (Gd), rubidium (Rb), thulium (Tm), praseodymium (Pr), samarium (Sm), europium (Eu), dysprosium (Dy), holmium (Ho), erbium (Er), ytterbium (Yb), lutetium (Lu), strontium (Sr), yttrium (Y), vanadium (V), and chromium (Cr), and wherein Me is silicon.

2. (Cancelled)

3. (Previously Presented) The fluorescent material as claimed in claim 1, wherein the fluorescent material is excited by a light source having a wavelength between 430 nm and 490 nm.

4. – 23. (Cancelled)